

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-049044

(43)Date of publication of application : 21.02.2003

(51)Int.Cl.

C08L 53/00
C08K 3/34
C08K 5/098
C08L101/00

(21)Application number : 2001-239666

(71)Applicant : GRAND POLYMER CO LTD

(22)Date of filing : 07.08.2001

(72)Inventor : ITAKURA KEITA
SAKAI IKUNORI
HASHIMOTO MIKIO

(54) POLYOLEFIN RESIN COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a composition providing a molded product such as an injection molded product having excellent impact resistance and excellent balance of rigidity and the impact resistance, and hardly forming a flow mark on the surface.

SOLUTION: This polyolefin resin composition comprises (A) a propylene- based block copolymer prepared by using a metallocene catalyst, and comprising a propylene homopolymer part and a propylene- α -olefin random copolymer part, (B) an inorganic filler, (C) an elastomer and (D) a rosin acid-based nucleating agent. The propylene homopolymer part of the component (A) has 0.01-1,000 g/10 min MFR and 1-3 Mw/Mn measured by a GPC, and the contents of the components (A) and (B) are regulated so that the weight ratio [(A)/(B)] is (50/50)-(98/2). The content of the component (C) is ≤ 70 wt.% based on 100 wt.% total of the components (A) and (B), and the content of the component (D) is 0.001-5 pts.wt. based on 100 pts.wt. component (A).

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office